

MUHAMMAD AZHAR

Cyber Security Analyst

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SUMMARY

Dedicated Cybersecurity graduate with a deep interest in threat detection and security operations. Combines a strong understanding of security frameworks with practical technical skills in data handling and platform development. Knowledgeable in SIEM concepts and currently expanding expertise in tools like **Splunk** and **IBM QRadar**. Committed to continuous learning and professional certification to drive effective security monitoring and incident response.

EXPERIENCE

Internship

ENERLYTIC SOLUTIONS Pvt Ltd.

⌚ 07/2025 - 09/2025 🌐 Lahore, Pakistan

Intern

Nobel Learning PBC

⌚ 07/2025 - 12/2025 🌐 Virtual

EDUCATION

BS, Cyber Security and Digital Forensics

The Islamia University of Bahawalpur

⌚ 01/2022 - 12/2026

PROJECTS

AwarenessHub – Gamified Cybersecurity Training Platform

⌚ 2025 🌐 Bahawalpur, Pakistan

Final Year Project

- Architected and developed a full-stack interactive platform designed to improve cybersecurity awareness through gamification.
- Built the frontend using React and TypeScript for type-safe, modular code, and utilized Supabase for backend authentication and database management.
- Successfully deployed the solution as both a responsive web application and a mobile Android APK.
- Designed user flows and interactive modules to simulate real-world security scenarios for educational purposes.

FortiSpark: Secure Big Data Processing with Apache Spark & RSA

⌚ 02/2025 - 05/2025 🌐 Location

Check out the project: <https://github.com/ahmad-hmza/Fortispark>

- Developed FortiSpark, a secure big data processing pipeline integrating RSA-2048 encryption with Apache Spark to protect PII during distributed processing.
- Implemented encryption for sensitive fields (SSN, names, CCN) and performed Spark aggregation on non-sensitive data.
- Contributed to coding, testing, and verification, ensuring data confidentiality.

CERTIFICATIONS

Certificate Name

Which institution issued the certificate and when?

IBM QRadar SIEM Foundation

IBM

IBM Cybersecurity Analyst

IBM

ISO/IEC 27001:2022 INFORMATION SECURITY ASSOCIATE™

SkillFront

Enterprise and Infrastructure Security

United Latino Students Association

Tata Group - Cybersecurity Analyst Job Simulation

Forage

AI for Cybersecurity

The Johns Hopkins University

Google IT Support

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